

FORM PTO-1149
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

5576 413471/020

SERIAL NO.

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APPLICANT STAN A. BROWN ET AL

FILING DATE

02/13/01

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GROUP

J1040 U.S. PTO
09/18/2019

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
HP	AA	6 0 1 5 3 8 7	01/18/00	Schwartz et al	600	504	
	AB	5 9 9 6 5 2 9	12/07/99	Sissom et al	119	14.14	
	AC	5 8 9 6 8 2 7	04/27/99	Brown	119	14.02	
	AD	5 8 7 7 4 1 7	03/02/99	Arvidson et al	73	215	
	AE	5 7 9 2 9 6 4	08/11/98	Van den Berg	73	861.15	
	AF	5 7 2 0 2 3 6	02/24/98	Carrano et al	119	14.46	
	AG	5 6 3 5 6 3 7	06/03/97	Boult et al	73	223	
	AH	5 4 2 1 2 1 0	06/06/95	Kobayashi et al	73	861.12	
	AI	5 3 7 5 4 7 5	12/27/94	Kiene et al	73	861.15	
	AJ	5 2 4 5 9 4 6	09/21/93	Hoefelmayr	119	14.15	
HP	AK	5 2 1 2 9 5 5	05/25/93	Hogan	62	73	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
HP	AL	2 1 2 4 8 7 7	29Feb84	United Kingdom/GB	A01J7	00		
HP	AM	0 4 2 6 2 6 6	08May91	European Pat Off	B67D	1/12		
HP	AN	0 5 0 9 2 8 8	21Oct92	European Pat Off (German)	G01F	1/72		X
	AO							
	AP							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

HP	AR	Pages 235 through 284, Chapter 7, <i>Basic Mechanics and Testing of Milking Systems</i> , G. A. Mein, MACHINE MILKING AND LACTATION, Editors: A.J. BRAMLEY, F.H. DODD, G. A. MEIN & J.A. BRAMLEY, Insight Books, 1992 (the "Bramley et al Reference")
	AS	

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DATE CONSIDERED

8/26/03

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263 5576cit1

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EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MP	BA	5	1	1	6	1	1	9	05/26/92	Brayer	356	28	
	BB	5	0	9	4	1	1	2	03/10/92	Hoefelmayr et al	73	861.04	
	BC	5	0	4	6	5	1	0	09/10/91	Ams et al	128	771	
	BD	4	9	7	4	4	4	8	12/04/90	Icking	73	304	
	BE	4	9	2	2	8	5	5	05/08/90	Tomizawa et al	119	14.15	
	BF	4	7	9	7	6	6	6	01/10/89	Baxter et al	340	606	
	BG	4	7	5	6	2	7	4	07/12/88	Rubino	119	14.08	
	BH	4	6	1	6	2	1	5	10/07/86	Maddalena	340	626	
	BI	4	6	0	5	0	4	0	08/12/86	Meermeller	137	489	
	BJ	4	5	7	4	7	3	6	03/11/86	Tanaka et al	119	14.08	
	BK	4	5	7	2	1	0	4	02/25/86	Rubino	119	14.02	

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		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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263 5576cit2

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>HL</i>	CA	4 5 3 0 4 6 5	07/23/85	Gauchet et al	239	127	
	CB	4 5 1 6 5 3 0	05/14/85	Reisgies et al	119	14.08	
	CC	4 4 3 3 5 7 7	02/28/84	Khurgin et al	73	290	
	CD	4 3 6 4 2 6 9	12/21/82	Kennerly	73	223	
	CE	4 2 9 2 9 2 6	10/06/81	Tilman	119	14.02	
	CF	4 1 1 2 7 5 8	09/12/78	Heidecker	73	218	
	CG	4 0 1 5 4 7 1	04/05/77	Marsh	73	194	
	CH	3 9 8 9 0 0 9	11/02/76	Robar	119	14.08	
	CI	3 7 8 3 8 3 7	01/08/74	Olander	119	14.08	
	CJ	3 5 4 7 0 8 0	12/15/70	Russell	119	14.14	
	CK	3 4 7 6 0 8 5	11/04/69	Noorlander	119	14.36	

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
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263 5576cit3

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MP	DA	3 2 4 2 7 2 9	03/29/66	Keller	73	194	
MD	DB	2 8 9 8 5 4 9	08/04/59	Miller	324	30	
MP	DC	D 3 5 7 8 7 7	06/02/95	Johannesson et al	D10	96	
	DD						
	DE						
	DF						
	DG						
	DH						
	DI						
	DJ						
	DK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES NO
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